Approved for use through 10/31/2002
Patent and Trademark Office: U.S. Department of Commerce PTO/SB/17 COMPLETE IF KNOWN (8/96)Application Number Filing Date **FEE TRANSMITTAL** First Named Inventor വ് Sc tt P. Heckel Group Art Unit **Examiner Name** Total Amount of Payment (\$) 1,362.00 Attorney Docket Number 4191-00314 METHOD OF PAYMENT (check one FEE CALCULATION (continued) The Commissioner is hereby authorized to charge indicated fees and credit any over Large Entity Small Entity payments to: Deposit Fee Fee Fee Fee Account 01.2000 Code (\$) Code (\$) Fee Description Fee Paid Number Account 105 130 205 65 Surcharge - late filing fee or oath ANDRUS, SCEALES, STARKE & SAWALL, LLP Deposit 127 25 Surcharge - late provisional filing fee 50 227 Name or cover sheet Charge any addition-Applicant claims small 139 130 139 130 Non-English specification al fee required under entity status. 147 2,520 For filing a request for examination 2.520 147 37 CFR 1.16 and 1.17 See 37 CFR 1.27 112 920 Requesting publication of SIR prior to 920 112 The Commissioner is hereby authorized to charge the **Examiner action** issue fee and any additional fees required under 37 113 1,840 1,840 Requesting publication of SIR after 113 C.F.R. 1.18 to the above Deposit Account.. A duplicate **Examiner action** copy hereof is enclosed. 115 110 215 55 Extension for response within first X Payment Enclosed: month 116 410 216 Money 205 Extension for response within second Check Order Other month 117 930 217 465 Extension for response within third FEE CALCULATION (fees effective 10/01/96) month 1. FILING FEE 118 725 Extension for response within fourth 1.450 218 month 985 Extension for response within fifth Large Entity Small Entity Fee 128 1,970 228 Fee Fee Fee Fee Description Paid month Code (\$) Code (\$) 160 Notice of Appeal 119 320 218 320 160 Filing a brief in support of an appeal 120 220 \$750.00 101 750 375 201 Utility filing fee 280 140 Request for oral hearing 121 221 106 330 206 165 Design filing fee 138 1.510 138 1,510 Petition to institute a public use 520 Plant filing fee 107 207 260 proceeding 750 108 208 375 Reissue filing fee 140 55 Petition to revive unavoidably 110 240 160 80 Provisional filing 114 214 abandoned application fee 1,300 650 Petition to revive unintentionally 241 abandoned application SUBTOTAL (1) (\$) 750.00 142 1,300 650 Utility issue fee (or reissue) 242 2. CLAIMS Extra Fee from below Fee Paid 143 470 243 235 Design issue fee 144 315 Plant issue fee 630 244 Total claims \$360 40 20= 20 X \$18 122 130 Petitions to the Commissioner 130 122 6 -3 X \$84 Independent \$252 123 50 123 50 Petitions related to provisional Claims applications Multiple Dependent Claims 126 180 126 180 Submission of Information Disclos, Stmt. 581 40 581 40 Recording each patent assignment per Large Entity Small Entity Fee property (times number of properties) 375 Filing a submission after final rejection Fee 146 750 246 Fee Fee Fee Description (37 CFR 1.29(a)) Code (\$) Code (\$) 149 375 For each additional invention to be 750 249 103 18 203 Claims in excess of 20 examined (37 CFR 1.129(b)) 102 84 202 42 Independent claims in 179 excess of 3 750 279 375 Request for continued Examination (RCE) 104 280 204 140 Multiple dependent claim 109 84 Reissue independent Request for expedited examination of a 209 42 169 900 169 design application claims over original patent

SUBTOTAL (2) (\$) 612.	* Reduced by Basic Filing	g Fee Paid SUBTOTAL (3)
SUBMITTED BY		
Name (Print/Typ) Michael E. Take	Registration No. 28,120	Telephone (414) 271-7590
Signature Muchael 5.	Jaken	Date 8/5/03

Other fee (specify)

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Reissue claims in excess

of 20 and over original patent

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION		FION	Attor	ney Docket No.	4191-00	0314	Total Pages	15+	
PATENT APPLICATION TRANSMITTAL			First Nam d Invent r r Application Identifi r						
(Only for new nonprovisignal applications				cott P. Heckel					
u	inder 37 CFR 1.53	(D)	Eynre	ess Mail Label No.	E\/3429	393846U	<u> </u>		
	APPLICATION ELE	MENTS	I = Vbi	ADDRESS TO:			r for Patents		
See MPEP chapter 600 concerning utility patent application contents			Box Patent Application Washington, D.C. 20231						
	ransmittal Form riginal, and a duplica	ate for fee processi	ng)	Computer	Program ((Appendi	ix)		
	Applicant claims small entity status. See 37 CFR1.27.			 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. □ Computer Readable Copy (CRF) b. □ Specification Sequence Listing on: 					
3. Specification [Total Pages (preferred arrangement set forth below)			i. □ CD-ROM or CD-R (2 copies); or ii. □ paper						
	ive title of the Inventi			c. State	ments ver	rifying id	entify of above	copies	
 Cross References to Related Applications Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure 				ACCOMPANYING APPLICATION PARTS 9 Assignment Papers (cover sheet & document(s))					
				10.□ 37 CFR 3.73(b) Statement □ Power of Attorney (when there is an assignee)					
				11.□ English Translation Document (if applicable)					
			,	12.□ Information Disclosure □ Copies of IDS Statement (IDS)/PTO-1449 Citations					
4. 区 Drawing(s) (35 USC 113)	[Total Sheets 9]	13.□ Preliminary					
5. Oath or Declaration [Total Pages a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)] [14.⊠ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)					
			J))	15.□ Certified Copy of Priority Document(s) (if foreign priority is claimed)					
 i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 			į		3)(8). App	licant m	er 35 U.S.C. ust attach form		
			17.区 Other:						
6. □ Application Data Sheet. See 37 CFR 1.76 □ Supplement to Transmittal Letter □ Certificate of Express Mail									
18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:/ Prior application information: Examiner Group Art Unit: For CONTINUATION OR DIVISIONAL APPS ONLY: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.									
reference. The me	Siporation can only be re	19. CORRE	SPONE	DENCE ADDRESS	ted from the	submitte	d application parts	•	
Direct all correspondence to: ☑ Customer Number: 26753 ☑ Correspondence address below									
NAME	Michael E. Taken (I		14/41						
ADDRESS	ANDRUS, SCEALE 100 East Wisconsir		vvALL,	<u>LLP</u>					
CITY	Suite 1100 Milwaukee		<u></u>	- 100					
COUNTRY	U.S.A.	TEI FI	STATI PHONE			ZIP COI FAX	DE 53202-4 (414) 271-5		
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Applicant: Scott P. Heckel

CERTIFICATE OF EXPRESS MAIL

This is to certify that this correspondence is being deposited with the United States Postal Service as EXPRESS MAIL POST OFFICE TO ADDRESSEE in an envelope addressed to Commissioner for Patents, Mail Stop - New Application, P.O. Box 1450, Alexandria, VA 22313-1450 on the 5th day of August, 2003. The Express Label is EV342893846US.

Jo Ann Kuczynski 8-5-03 6 Ann Kuczynski Date PTO/SB/35 (11-00)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)	First Named Inventor		Scott P. Heckel		
	Title		Corona Discharge Electrode Assembly For Electrostatic Precipitator		
	Atty. Docket Number		4191-00314		

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

August 5, 2003 / Mucha

Michael E. Taken (Reg. No. 28,120)

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in aband nment of this application (35 U.S.C. 122(b)(2)(b)(iii)).